Dumb Wine store application - to view and order different types of Wine.

1. develop java based back end (servlet) to process RESTful requests

a. /login - for two types of user, admin and client, if login is successful respond with a token that contains username: type - encryption is not required

b. /types - respond with json of all types of product

c. /add - validate user is admin and allow to add product

d. /remove - validate user is admin and allow to remove product

2. Angular 6 based front end.

1. Login page

2. Page to view a wine list. Admin should also have delete button with confirmation dialog and ability to change qty. Regular users should be able to see available qty.

3. "Add new product" page (for admin only) to be able to add new UNIQUE product and set qty.

any other ideas is an asset

try to use as many design patterns and techniques as you know. Demonstrate knowledge of other frameworks and languages if any.